

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

USAF OSPaN 630.315nm image

CLOUDS: Unknown  
CONDITION: Excellent  
OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.030% at 630.315nm

**11 Feb 04**  
**15:00:24 UT**

GROUPS: 4  
SPOTS: 12  
R-NUMBER: 52  
TOTAL SPOT AREA: 542  $\mu$   
THRESHHOLD: 0.92

